

Abstract Of The Disclosure

5 The measuring sensor, particularly a lambda probe, has a  
ceramic sensor member retained at a high temperature  
during measuring operation. It is shielded from water  
droplets, carried along in the gas to be analyzed, by a  
heated protective housing, permeable for the gas to be  
analyzed, by which water droplets carried along in the  
10 direction of the sensor member are evaporated before  
reaching the sensor member. In this way, the water  
droplets are unable to cause any shock-like temperature  
drops at spots on the surface of the sensor member or  
material flaking.

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